**EMERGENCY LEVEE EROSION REPAIR** 

CACHE SLOUGH - MILES 16.5L AND 21.8R

STEAMBOAT SLOUGH - MILE 16.2R

SPEC.#: 06-17 SACRAMENTO RIVER - MILES 20.8L, 26.5L AND 32.5R CONTR.#: C51328 STATE EMERGENCY EROSION REPAIR PROJECT SACRAMENTO RIVER BANK PROTECTION PROJECT

BID DATE: June 26, 2006

PLACE: Sacramento, California

TIME: 11:00 A.M.

FOR THE RECLAMATION BOARD SACRAMENTO AND SOLANO COUNTIES

CALIFORNIA

## STATE OF CALIFORNIA THE RESOURCES AGENCY **DEPARTMENT OF WATER RESOURCES**

DV.	Lagarta	CALIFORNIA								
BY:	Lasarte  No. Addendums:	ES <sup>-</sup> PREP	INEER'S TIMATE PARED BY NSULTANTS	San Rafael Rock Quarry dba Dutra Materials 1000 Point San Pedro Road San Rafael, CA 94901 415 458-5464						
Item				Unit		Unit				
No.	Description	Quantity	Unit	Price	Total	Price	Total	_		
	CACHE SLOUGH - MILE 16.5L									
1	Mobilization and Demobilization	1	JOB	LUMP SUM	\$74,300.00	LUMP SUM	\$250,000.00			
2	Clearing	1.3	ACRE	\$7,000.00	\$9,100.00	\$5,000.00	\$6,500.00			
3	Earthfill	2,700	TON	\$31.00	\$83,700.00	\$31.00	\$83,700.00			
4	Agricultural Soil	640	TON	\$40.00	\$25,600.00	\$56.00	\$35,840.00			
5	Bedding Layer	380	TON	\$50.00	\$19,000.00	\$56.00	\$21,280.00			
6	Rock Slope Protection	3,070	TON	\$60.00	\$184,200.00	\$49.00	\$150,430.00			
7	Rockfill	2,600	TON	\$60.00	\$156,000.00	\$48.75	\$126,750.00			
8	Geotextile Fabric	2,550	SY	\$5.00	\$12,750.00	\$6.00	\$15,300.00			
9	Instream Woody Materials	23	EACH	\$700.00	\$16,100.00	\$1,700.00	\$39,100.00			
10	Irrigation	1	JOB	LUMP SUM	\$10,000.00	LUMP SUM	\$54,000.00			
11	Seeding	1.3	ACRE	\$6,000.00	\$7,800.00	\$12,000.00	\$15,600.00			
12	Treepot Installation - T8	205	EACH	\$125.00	\$25,625.00	\$380.00	\$77,900.00			
13	Treepot Installation - T4	99	EACH	\$115.00	\$11,385.00	\$380.00	\$37,620.00			
14	Deepot Installation - DP	628	EACH	\$100.00	\$62,800.00	\$29.00	\$18,212.00			
15	Deepot Installation - D6	183	EACH	\$40.00	\$7,320.00	\$29.00	\$5,307.00			
16	Pole Cutting Installation	314	EACH	\$20.00	\$6,280.00	\$14.00	\$4,396.00			
17	Fascine Bundle Installation	150	EACH	\$100.00	\$15,000.00	\$100.00	\$15,000.00			
18	Beaver Fence	870	LF	\$7.00	\$6,090.00	\$16.00	\$13,920.00			
19	Tree Protection and Pruning	48	EACH	\$600.00	\$28,800.00	\$175.00	\$8,400.00			
20	Erosion Control Fabric	1,630	SY	\$4.00	\$6,520.00	\$10.00	\$16,300.00			
21	Plant Establishment	12	MONTH	\$4,000.00	\$48,000.00	\$10,500.00	\$126,000.00			
				SUBTOTAL	\$816,370.00	SUBTOTAL	\$1,121,555.00			
	CACHE SLOUGH - MILE 21.8R			-		<u> </u>				
22	Mobilization and Demobilization	1	JOB	LUMP SUM	\$404,300.00	LUMP SUM	\$250,000.00	<b>↓↓</b>		
23	Clearing	5.5	ACRE	\$7,000.00	\$38,500.00	\$5,000.00	\$27,500.00	<b>↓↓</b>		
24	Earthfill	0	TON	\$31.00	\$0.00	\$31.00	\$0.00	<b>↓↓</b>		
25	Agricultural Soil	4,400	TON	\$40.00	\$176,000.00	\$56.00	\$246,400.00	<b>↓↓</b>		
26	Bedding Layer	1,000	TON	\$50.00	\$50,000.00	\$56.00	\$56,000.00	<b>                                     </b>		
27	Rock Slope Protection	29,000	TON	\$60.00	\$1,740,000.00	\$53.25	\$1,544,250.00	<b>↓↓</b>		
28	Rockfill	12,600	TON	\$60.00	\$756,000.00	\$53.25	\$670,950.00	<b>                                     </b>		
29	Geotextile Fabric	4,200	SY	\$5.00	\$21,000.00	\$6.00	\$25,200.00	<b>                                     </b>		1
30	Instream Woody Materials	120	EACH	\$700.00	\$84,000.00	\$1,700.00	\$204,000.00	<b>↓↓</b>		
31	Irrigation	1	JOB	LUMP SUM	\$50,000.00	LUMP SUM	\$625,000.00	<b>↓↓</b>		
32	Seeding	5.5	ACRE	\$6,000.00	\$33,000.00	\$12,000.00	\$66,000.00	<u> </u>		

Bid Summary 06-17.xls

**EMERGENCY LEVEE EROSION REPAIR** 

CACHE SLOUGH - MILES 16.5L AND 21.8R

STEAMBOAT SLOUGH - MILE 16.2R

SPEC.#: 06-17 SACRAMENTO RIVER - MILES 20.8L, 26.5L AND 32.5R
CONTR.#: C51328 STATE EMERGENCY EROSION REPAIR PROJECT
SACRAMENTO RIVER BANK PROTECTION PROJECT

BID DATE: June 26, 2006

PLACE: Sacramento, California

TIME: 11:00 A.M.

FOR THE RECLAMATION BOARD SACRAMENTO AND SOLANO COUNTIES

CALIFORNIA

## STATE OF CALIFORNIA THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES

BY: Lasarte												
				ENG	INEER'S	San Rafael Rock Quarry						
				EST	IMATE	dba Dut	ra Materials					
33	Treepot Installation - T8	1,466	EACH	\$125.00	\$183,250.00	\$380.00	\$557,080.00					
34	Treepot Installation - T4	431	EACH	\$115.00	\$49,565.00	\$380.00	\$163,780.00					
35	Deepot Installation - DP	4,042	EACH	\$100.00	\$404,200.00	\$29.00	\$117,218.00					
36	Deepot Installation - D6	1,353	EACH	\$40.00	\$54,120.00	\$29.00	\$39,237.00					
37	Pole Cutting Installation	2,194	EACH	\$20.00	\$43,880.00	\$14.00	\$30,716.00					
38	Fascine Bundle Installation	810	EACH	\$100.00	\$81,000.00	\$100.00	\$81,000.00					
39	Beaver Fence	4,890	LF	\$7.00	\$34,230.00	\$16.00	\$78,240.00					
40	Tree Protection and Pruning	266	EACH	\$600.00	\$159,600.00	\$175.00	\$46,550.00					
41	Erosion Control Fabric	9,000	SY	\$4.00	\$36,000.00	\$10.00	\$90,000.00					
42	Plant Establishment	12	MONTH	\$4,000.00	\$48,000.00	\$10,500.00	\$126,000.00					
				SUBTOTAL	\$4,446,645.00	SUBTOTAL	\$5,045,121.00					
	STEAMBOAT SLOUGH - MILE 16.2R											
43	Mobilization and Demobilization	1	JOB	LUMP SUM	\$107,000.00	LUMP SUM	\$225,000.00					
44	Clearing	1.5	ACRE	\$7,000.00	\$10,500.00	\$5,000.00	\$7,500.00					
45	Earthfill	1,300	TON	\$31.00	\$40,300.00	\$31.00	\$40,300.00					
46	Agricultural Soil	260	TON	\$40.00	\$10,400.00	\$56.00	\$14,560.00					
47	Bedding Layer	260	TON	\$50.00	\$13,000.00	\$56.00	\$14,560.00					
48	Rock Slope Protection	4,000	TON	\$60.00	\$240,000.00	\$48.75	\$195,000.00					
49	Rockfill	9,700	TON	\$60.00	\$582,000.00	\$48.75	\$472,875.00					
50	Geotextile Fabric	320	SY	\$5.00	\$1,600.00	\$6.00	\$1,920.00					
51	Instream Woody Materials	14	EACH	\$700.00	\$9,800.00	\$1,700.00	\$23,800.00					
52	Irrigation	1	JOB	LUMP SUM	\$8,000.00	LUMP SUM	\$41,000.00					
53	Seeding	1.5	ACRE	\$6,000.00	\$9,000.00	\$12,000.00	\$18,000.00					
54	Treepot Installation - T8	113	EACH	\$125.00	\$14,125.00	\$380.00	\$42,940.00					
55	Treepot Installation - T4	46	EACH	\$115.00	\$5,290.00	\$380.00	\$17,480.00					
56	Deepot Installation - DP	358	EACH	\$100.00	\$35,800.00	\$29.00	\$10,382.00	ļ				
57	Deepot Installation - D6	102	EACH	\$40.00	\$4,080.00	\$29.00	\$2,958.00					
58	Pole Cutting Installation	184	EACH	\$20.00	\$3,680.00	\$14.00	\$2,576.00	ļ				
59	Fascine Bundle Installation	100	EACH	\$100.00	\$10,000.00	\$100.00	\$10,000.00	ļ				
60	Beaver Fence	600	LF	\$7.00	\$4,200.00	\$16.00	\$9,600.00					
61	Tree Protection and Pruning	28	EACH	\$600.00	\$16,800.00	\$175.00	\$4,900.00					
62	Erosion Control Fabric	850	SY	\$4.00	\$3,400.00	\$10.00	\$8,500.00					
63	Plant Establishment	12	MONTH	\$4,000.00	\$48,000.00	\$10,500.00 SUBTOTAL	\$126,000.00					
	<b>SUBTOTAL</b> \$1,176,975.0						\$1,289,851.00	4				
	SACRAMENTO RIVER - MILE 20.8L	T		Т		<del> </del>		1				
64	Mobilization and Demobilization	1	JOB	LUMP SUM	\$88,900.00	LUMP SUM	\$225,000.00					
65	Clearing	2.1	ACRE	\$7,000.00	\$14,700.00	\$5,000.00	\$10,500.00					+
66	Earthfill	0	TON	\$31.00	\$0.00	\$31.00	\$0.00					
67	Agricultural Soil	1,400	TON	\$40.00	\$56,000.00	\$56.00	\$78,400.00					
68	Bedding Layer	300	TON	\$50.00	\$15,000.00	\$56.00	\$16,800.00					
69	Rock Slope Protection	4,300	TON	\$60.00	\$258,000.00	\$48.75	\$209,625.00					

Sheet 2 of 4 Bid Summary 06-17.x/s

**EMERGENCY LEVEE EROSION REPAIR** 

CACHE SLOUGH - MILES 16.5L AND 21.8R

STEAMBOAT SLOUGH - MILE 16.2R

SPEC.#: 06-17 SACRAMENTO RIVER - MILES 20.8L, 26.5L AND 32.5R
CONTR.#: C51328 STATE EMERGENCY EROSION REPAIR PROJECT
SACRAMENTO RIVER BANK PROTECTION PROJECT

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FOR THE RECLAMATION BOARD SACRAMENTO AND SOLANO COUNTIES

CALIFORNIA

## STATE OF CALIFORNIA THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES

BY: Lasarte													
				ENG	INEER'S	San Rafael Rock Quarry							
				EST	ГІМАТЕ	dba Du	tra Materials						
70	Rockfill	1,330	TON	\$60.00	\$79,800.00	\$49.00	\$65,170.00						
71	Geotextile Fabric	3,500	SY	\$5.00	\$17,500.00	\$6.00	\$21,000.00						
72	Instream Woody Materials	32	EACH	\$700.00	\$22,400.00	\$1,700.00	\$54,400.00						
73	Irrigation	1	JOB	LUMP SUM	\$15,000.00	LUMP SUM	\$82,000.00						
74	Seeding	2.1	ACRE	\$6,000.00	\$12,600.00	\$12,000.00	\$25,200.00						
75	Treepot Installation - T8	540	EACH	\$125.00	\$67,500.00	\$380.00	\$205,200.00						
76	Treepot Installation - T4	136	EACH	\$115.00	\$15,640.00	\$380.00	\$51,680.00						
77	Deepot Installation - DP	1,364	EACH	\$100.00	\$136,400.00	\$29.00	\$39,556.00						
78	Deepot Installation - D6	504	EACH	\$40.00	\$20,160.00	\$29.00	\$14,616.00						
79	Pole Cutting Installation	763	EACH	\$20.00	\$15,260.00	\$14.00	\$10,682.00						
80	Fascine Bundle Installation	220	EACH	\$100.00	\$22,000.00	\$100.00	\$22,000.00						
81	Beaver Fence	1,370	LF	\$7.00	\$9,590.00	\$16.00	\$21,920.00						
82	Tree Protection and Pruning	87	EACH	\$600.00	\$52,200.00	\$400.00	\$34,800.00					Ш	
83	Erosion Control Fabric	2,730	SY	\$4.00	\$10,920.00	\$10.00	\$27,300.00						
84	Plant Establishment	12	MONTH	\$4,000.00	\$48,000.00	\$10,500.00	\$126,000.00						
		SUBTOTAL	\$977,570.00	SUBTOTAL	\$1,341,849.00					Ш			
	SACRAMENTO RIVER - MILE 26.5L												
85	Mobilization and Demobilization	1	JOB	LUMP SUM	\$601,700.00	LUMP SUM	\$325,000.00					Ш	
86	Clearing	4	ACRE	\$7,000.00	\$28,000.00	\$5,000.00	\$20,000.00					ш	
87	Earthfill	0	TON	\$31.00	\$0.00	\$31.00	\$0.00						
88	Agricultural Soil	2,000	TON	\$40.00	\$80,000.00	\$50.00	\$100,000.00					Ш	
89	Bedding Layer	580	TON	\$50.00	\$29,000.00	\$50.00	\$29,000.00					Ш	
90	Rock Slope Protection	18,800	TON	\$60.00	\$1,128,000.00	\$53.25	\$1,001,100.00					Ш	
91	Rockfill	70,200	TON	\$60.00	\$4,212,000.00	\$53.25	\$3,738,150.00						
92	Geotextile Fabric	1,100	SY	\$5.00	\$5,500.00	\$6.00	\$6,600.00					ш	
93	Instream Woody Materials	36	EACH	\$700.00	\$25,200.00	\$1,700.00	\$61,200.00					Ш	
94	Irrigation	1	JOB	LUMP SUM	\$15,000.00	LUMP SUM	\$565,000.00					ш	
95	Seeding	4	ACRE	\$6,000.00	\$24,000.00	\$12,000.00	\$48,000.00					ш	
96	Treepot Installation - T8	627	EACH	\$125.00	\$78,375.00	\$380.00	\$238,260.00					Ш	
97	Treepot Installation - T4	163	EACH	\$115.00	\$18,745.00	\$380.00	\$61,940.00					ш	
98	Deepot Installation - DP	1,555	EACH	\$100.00	\$155,500.00	\$29.00	\$45,095.00					Ш	
99	Deepot Installation - D6	585	EACH	\$40.00	\$23,400.00	\$29.00	\$16,965.00				1	Ш	
100	Pole Cutting Installation	876	EACH	\$20.00	\$17,520.00	\$14.00	\$12,264.00					Ш	
101	Fascine Bundle Installation	260	EACH	\$100.00	\$26,000.00	\$100.00	\$26,000.00					Ш	
102	Beaver Fence	1,570	LF	\$7.00	\$10,990.00	\$16.00	\$25,120.00					Ш	
103	Tree Protection and Pruning	125	EACH	\$600.00	\$75,000.00	\$408.00	\$51,000.00					Ш	
104	Erosion Control Fabric	4,000	SY	\$4.00	\$16,000.00	\$10.00	\$40,000.00				1	Ш	
105	Plant Establishment	12	MONTH	\$4,000.00	\$48,000.00	\$10,500.00	\$126,000.00					Ш	
	SUBTOTAL \$6,617, SACRAMENTO RIVER - MILE 32.5R				\$6,617,930.00	SUBTOTAL	\$6,536,694.00	-				Н	
106	Mobilization and Demobilization	1	JOB	LUMP SUM	\$1,487,400.00	LUMP SUM	\$961,819.00					Ħ	

Sheet 3 of 4 Bid Summary 06-17.x/s

**EMERGENCY LEVEE EROSION REPAIR** 

CACHE SLOUGH - MILES 16.5L AND 21.8R

STEAMBOAT SLOUGH - MILE 16.2R

SPEC.#: 06-17 SACRAMENTO RIVER - MILES 20.8L, 26.5L AND 32.5R
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CALIFORNIA

## STATE OF CALIFORNIA THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES

BY:	Lasarte										
				ENGINEER'S ESTIMATE			el Rock Quarry				
107	Clearing	14.5	ACRE	\$7,000.00			dba Dutra Materials \$5,000.00 \$72,500.00		-		$\overline{}$
	Earthfill	14.5	TON	\$7,000.00	\$101,500.00	\$5,000.00	\$72,500.00		+		+
	Earthfill Agricultural Soil	3.300	TON	\$31.00 \$40.00	\$132.000.00	\$31.00 \$58.00	\$191.400.00		-		+
		3,300	TON	\$40.00 \$50.00					-		+
	Bedding Layer				\$10,000.00	\$58.00	\$11,600.00		-		+
	Rock Slope Protection	67,200	TON	\$60.00	\$4,032,000.00	\$53.25	\$3,578,400.00				+
	Rockfill	154,700	TON	\$60.00	\$9,282,000.00	\$53.25	\$8,237,775.00				+
	Geotextile Fabric	4,960	SY	\$5.00	\$24,800.00	\$6.00	\$29,760.00				+
114	Instream Woody Materials	110	EACH	\$700.00	\$77,000.00	\$1,700.00	\$187,000.00		-		+
	Irrigation	1	JOB	LUMP SUM	\$50,000.00	LUMP SUM	\$625,000.00		-		+
	Seeding	14.5	ACRE	\$6,000.00	\$87,000.00	\$12,000.00	\$174,000.00		-		+
117	Treepot Installation - T8	1,175	EACH	\$125.00	\$146,875.00	\$380.00	\$446,500.00		-		+
118	Treepot Installation - T4	426	EACH	\$115.00	\$48,990.00	\$380.00	\$161,880.00		-		+
	Deepot Installation - DP	3,411	EACH	\$100.00	\$341,100.00	\$29.00	\$98,919.00				+
	Deepot Installation - D6	1,056	EACH	\$40.00	\$42,240.00	\$29.00	\$30,624.00		_		+
	Pole Cutting Installation	1,802	EACH	\$20.00	\$36,040.00	\$14.00	\$25,228.00		_		+
	Fascine Bundle Installation	777	EACH	\$100.00	\$77,700.00	\$100.00	\$77,700.00		_		+
	Beaver Fence	4,650	LF	\$7.00	\$32,550.00	\$16.00	\$74,400.00				
124	Tree Protection and Pruning	437	EACH	\$600.00	\$262,200.00	\$400.00	\$174,800.00				
125	Erosion Control Fabric	10,260	SY	\$4.00	\$41,040.00	\$10.00	\$102,600.00				
126	Plant Establishment	12	MONTH	\$4,000.00	\$48,000.00	\$10,500.00	\$126,000.00				
				SUBTOTAL	\$16,360,435.00	SUBTOTAL	\$15,387,905.00				L
	$\sqcap$										
BID TOTAL \$30,395,925.00						BID TOTAL	\$30,722,975.00				
							0%)				
Guarantee						of the amount b	oid				
						Safeco Insuran	ce Company				
Surety	Surety										
Comments	Comments X Denotes corrected figure						IE 29, 2006				

Sheet 4 of 4 Bid Summary 06-17.x/s